

THE INVENTION CLAIMED IS:

1. A door piston to door jamb interface apparatus comprising:
an elongated plate having a plurality of threaded holes formed therein; and
a bracket including a base and transverse support member affixed to the base, the base including a set of holes configured in the same pattern as a subset of the plurality of threaded holes of the plate whereupon, when the set of holes and the subset of threaded holes are aligned, a threaded bolt inserted through each of the set of holes can threadedly mate with one of the subset of threaded holes thereby securing the base to the plate, wherein the support member defines a pin receiving hole that is spaced from the base and which is configured to receive a pin therethrough for pivotally securing a connecting rod or a housing of a door piston to the support member.
2. The apparatus of claim 1, wherein the subset of threaded holes is positioned at least one of (i) adjacent an end of the plate and (ii) intermediate the ends of the plate.
3. The apparatus of claim 1, wherein:
each threaded hole is also configured to pass a threaded wood screw therethrough in non-threading relationship therewith; and
when the plate is positioned against a door jamb, at least one threaded hole can have a wood screw passed in non-threading relationship therethrough whereafter said wood screw can be screwed into the door jamb thereby securing the plate to the door jamb.
4. The apparatus of claim 1, wherein:
the support member defines a gap having a pair of aligned pin receiving holes on opposite sides thereof;
the end of the connecting rod or the housing defines a hole configured to be aligned with the pair of pin receiving holes when said end is received in the gap; and
the pin is configured to be received through the pin receiving holes and the hole in the end of the connecting rod or the housing when said end is received in the gap.

5. The apparatus of claim 1, wherein the plate has a rectangular shape.
6. The apparatus of claim 1, wherein the plurality of threaded holes includes three subsets thereof having the same pattern as the pattern of the set of holes of the base.
7. The apparatus of claim 1, wherein each threaded bolt includes a machine screw thread.
8. A method of securing a door piston to a door jamb comprising the steps of:
 - (a) providing an elongated plate having a plurality of threaded holes formed therein;
 - (b) positioning the plate against a door jamb with the longitudinal axis of the plate positioned generally parallel with a longitudinal axis of the door jamb;
 - (c) inserting wood screws through a first subset of the threaded holes;
 - (d) screwing the wood screws inserted in the first subset of threaded holes into the door jamb thereby securing the plate to the door jamb;
 - (e) providing a bracket including a support member affixed to a base that defines a set of holes having the same pattern as a second subset of the plurality of threaded holes, with the support member defining therein a pin receiving hole that is spaced from the plate;
 - (f) positioning the base of the bracket against the plate with the set of holes of the base aligned with the second subset of threaded holes;
 - (g) inserting threaded bolts through the set of holes defined in the base of the bracket;and
 - (h) rotating the threaded bolts inserted through the set of holes defined in the base whereupon threads of the threaded bolts threadedly engage the threads of the second subset of the plurality of threaded holes thereby securing the base to the plate.
9. The method of claim 8, further including the steps of:
 - (i) aligning a hole at an end of a connecting rod or housing of a door piston with the hole in the support member of the bracket; and
 - (j) inserting a pin through the hole at an end of a connecting rod or housing and the hole in the support member whereupon the connecting rod or housing is pivotally coupled to the support member.

10. The method of claim 8, wherein the second subset of threaded holes is positioned at (i) an end of the plate or (ii) intermediate the ends of the plate.
11. The method of claim 8, wherein the first and second subsets of threaded holes have the same pattern as the set of holes of the base.
12. The method of claim 11, wherein the plate includes a third subset of threaded holes having the same pattern as the set of holes of the base.
13. A door piston to door jamb interface apparatus comprising an elongated plate defining at least two sets of threaded holes configured in the same pattern and a support member configured to be affixed transverse to the plate via a set of threaded bolts threadedly mated with one of the sets of threaded holes, the elongated plate configured to be affixed to a door jamb via a set of screws which are screwed into the door jamb after insertion in non-threading relation through the other of the set of threaded holes wherein the support member defines a pin receiving hole that is spaced from the plate when the support member is affixed thereto and the pin receiving hole is configured to receive a pin therethrough for pivotally securing one end of a door piston to the support member.
14. The apparatus of claim 13, wherein the plate includes two sets of threaded holes adjacent the ends of the plate.
15. The apparatus of claim 14, wherein the plate includes a third set of threaded holes intermediate the ends of the plate.

16. The apparatus of claim 13, wherein:

the support member defines a gap having a pair of aligned pin receiving holes on opposite sides thereof;

the one end of the door piston defines a hole configured to be aligned with the pair of pin receiving holes when said end is received in the gap; and

the pin is configured to be received through the pin receiving holes and the hole in the end of the door piston when said end is received in the gap.

17. The apparatus of claim 13, further including a base having the support member affixed thereto, said base defining a set of holes having the same pattern as each set of threaded holes of the plate, wherein the set of threaded bolts threadedly mated with one of the sets of threaded holes after insertion through the set of holes defined by the base.

18. A door piston to door jamb interface kit comprising:

a set of threaded bolts;

a set of threaded screws;

an elongated plate having a plurality of threaded holes formed therein; and

a bracket including a base and a transverse support member affixed to the base, the base including a set of holes configured in the same pattern as a subset of the plurality of threaded holes of the plate wherein:

when the set of holes and the subset of threaded holes are aligned, one of the threaded bolts inserted through each of the set holes can threadedly mate with one of the subset of threaded holes thereby securing the base to the plate; and

when the elongated plate is positioned against a door jamb, a threaded screw inserted in non-threading relation through each of the set of holes not receiving a threaded bolt can threadedly mate with said door jamb thereby securing said plate to said door jamb.